

## **ABSTRACT**

1        The spindle motor for a slim optical disk apparatus has a stator, a rotor, a circuit  
2 board, and a mounting plate. The circuit board is within the range covered by the rotor  
3 and has a plurality of electronic components used on the spindle motor and a plurality  
4 of electric contacts for connecting an external connecting piece. The mounting plate is  
5 used at least for fixing the circuit board and has an area in correspondence by position  
6 with the electric contacts of the circuit board, wherein the area provides a space  
7 required for connecting of the electric contacts with the external connecting piece.